

Listing of Claims:

This listing of claims reflects all claim amendments and replaces all prior versions, and listings, of claims in the application. Material to be inserted is in **bold and underline**, and material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[]].

In brief, claims 1-24 and 40-53 have been canceled, without prejudice, and new claims 54-92 have been added.

1-53. (Canceled)

54. (New) A bone plate for bone fixation, comprising:

first and second plate members structured to be placed under skin and each defining one or more openings configured to receive fasteners that secure the first and second plate members to portions of at least one bone; and

a joint connecting the first and second plate members and defining an angular disposition between the first and second plate members, the joint having (1) a pivotable configuration in which the angular disposition is adjustable by pivotal movement of the first plate member about two or more nonparallel axes, and (2) a fixed configuration in which the angular disposition is fixed,

wherein the first and second plate members include respective concave and convex surfaces that are at least substantially complementary, and wherein the concave and convex surfaces are configured to slide on each other in the pivotable configuration of the joint.

55. (New) The bone plate of claim 54, the portions of the at least one bone being portions of at least two bones, wherein the first and second plate members are configured to be secured to the portions of the at least two bones.

56. (New) The bone plate of claim 54, wherein at least one of the one or more openings defined by at least one of the first and second plate members is threaded.

57. (New) The bone plate of claim 54, wherein the first and second plate members are configured to be secured to a distal portion of a radius bone.

58. (New) The bone plate of claim 54, wherein the first and second plate members can be adjusted so that the bone plate is generally T-shaped.

59. (New) The bone plate of claim 54, wherein at least a subset of the one or more openings for each plate member are arrayed in a line.

60. (New) The bone plate of claim 54, wherein the first plate member is generally T-shaped.

61. (New) The bone plate of claim 54, wherein the joint includes at least two separate joints that permit pivotal movement of the first plate member relative to the second plate member about different axes.

62. (New) The bone plate of claim 54, the joint being a first joint, further comprising a second joint configured to permit the first plate member to move translationally in relation to the second plate member.

63. (New) The bone plate of claim 54, further comprising a plurality of reference marks disposed on at least one of the first and second plate members and configured to indicate the angular disposition of the first and second plate members relative to one another.

64. (New) A bone plate for bone fixation, comprising:

first and second plate members structured to be placed under skin and each defining one or more openings configured to receive fasteners that secure the first and second plate members to portions of at least one bone; and

a joint connecting the first and second plate members and defining an angular disposition between the first and second plate members, the joint having (1) a pivotable configuration in which the angular disposition is adjustable by pivotal movement of the first plate member about two or more nonparallel axes, and (2) a fixed configuration in which the angular disposition is fixed,

wherein the joint includes a detent mechanism configured to compress the first and second plate members together to produce the fixed configuration.

65. (New) The bone plate of claim 64, wherein the first and second plate members are configured to be secured to a distal portion of a radius bone.

66. (New) The bone plate of claim 64, wherein the first and second plate members can be adjusted so that the bone plate is generally T-shaped.

67. (New) The bone plate of claim 64, wherein at least a subset of the one or more openings for each plate member are arrayed in a line.

68. (New) The bone plate of claim 64, wherein the first and second plate members include respective concave and convex surfaces that are at least substantially complementary, and wherein the concave and convex surfaces are configured to slide on each other in the pivotable configuration of the joint.

69. (New) The bone plate of claim 64, further comprising a plurality of reference marks disposed on at least one of the first and second plate members and configured to indicate the angular disposition of the first and second plate members relative to one another.

70. (New) A bone plate for fixation of the radius, comprising:
first and second plate members each defining one or more openings configured to receive fasteners for securing the first and second plate members to different portions of a radius bone, at least one of the first and second plate members having a nonplanar inner surface that is generally complementary to a distal surface region of the radius bone, such that the at least one plate member fits onto the radius bone; and
a joint connecting the first and second plate members and defining an angular disposition between the first and second plate members, the joint having an adjustable configuration in which the angular disposition is adjustable and a fixed configuration in which the angular disposition is fixed,

wherein the joint includes a threaded fastener, and wherein the joint is configured to be placed in the fixed configuration by rotation of the threaded fastener.

71. (New) The bone plate of claim 70, wherein the joint is configured to permit pivotal movement of the first plate member relative to the second plate member about at least two nonparallel axes.

72. (New) The bone plate of claim 70, wherein the first and second plate members are contoured to fit onto the volar surface of the radius bone.

73. (New) The bone plate of claim 70, further comprising a plurality of reference marks disposed on at least one of the first and second plate members and configured to indicate the angular disposition of the first and second plate members relative to one another.

74. (New) A bone plate for bone fixation, comprising:
first and second plate members structured to be placed under skin and each defining one or more openings configured to receive fasteners that secure the first and second plate members to portions of at least one bone; and

a joint connecting the first and second plate members and defining a relative angular disposition of the first and second plate members, the joint having (1) an adjustable configuration in which the relative angular disposition is adjustable by movement of at least one of the first and second plate members about two or more nonparallel axes, and (2) a fixed configuration in which the relative angular disposition is fixed,

wherein the first and second plate members include respective concave and convex surfaces that are at least substantially complementary, and wherein the concave and convex surfaces are configured to slide on each other in the adjustable configuration of the joint.

75. (New) The bone plate of claim 74, the portions of the at least one bone being portions of at least two bones, wherein the first and second plate members are configured to be secured to the portions of the at least two bones.

76. (New) The bone plate of claim 74, wherein at least one of the one or more openings defined by at least one of the first and second plate members is threaded.

77. (New) The bone plate of claim 74, wherein the first and second plate members are configured to be secured to a distal portion of a radius bone.

78. (New) The bone plate of claim 74, wherein the first and second plate members can be adjusted so that the bone plate is generally T-shaped.

79. (New) The bone plate of claim 74, wherein at least a subset of the one or more openings for each plate member is arrayed in a line.

80. (New) The bone plate of claim 74, wherein the first plate member is generally T-shaped.

81. (New) The bone plate of claim 74, wherein the joint includes at least two separate joints that permit pivotal movement of the first plate member relative to the second plate member about different axes.

82. (New) The bone plate of claim 74, the joint being a first joint, further comprising a second joint configured to permit the first plate member to move translationally in relation to the second plate member.

83. (New) The bone plate of claim 74, further comprising a plurality of reference marks disposed on at least one of the first and second plate members and configured to indicate the angular disposition of the first and second plate members relative to one another.

84. (New) The bone plate of claim 74, wherein the first plate member is configured to be secured to a relatively more proximal region of a radius bone, wherein the second plate member is configured to be secured to a relatively more distal region of the radius bone, and wherein the second plate member is wider than the first plate member.

85. (New) The bone plate of claim 74, wherein the second plate member flares as it extends away from the first plate member.

86. (New) A bone plate for bone fixation, comprising:

first and second plate members structured to be placed under skin and each defining one or more openings configured to receive fasteners that secure the first and second plate members to portions of at least one bone; and

a joint connecting the first and second plate members and defining a relative angular disposition of the first and second plate members, the joint having (1) an adjustable configuration in which the relative angular disposition is adjustable by movement of at least one of the first and second plate members about two or more nonparallel axes, and (2) a fixed configuration in which the relative angular disposition is fixed,

wherein the joint includes a detent mechanism configured to compress the first and second plate members together to produce the fixed configuration.

87. (New) The bone plate of claim 86, wherein the first and second plate members are configured to be secured to a distal portion of a radius bone.

88. (New) The bone plate of claim 86, wherein the first and second plate members can be adjusted so that the bone plate is generally T-shaped.

89. (New) The bone plate of claim 86, wherein at least a subset of the one or more openings for each plate member are arrayed in a line.

90. (New) The bone plate of claim 86, the joint being a first joint, further comprising a second joint configured to permit the first plate member to move translationally in relation to the second plate member.

91. (New) The bone plate of claim 86, further comprising a plurality of reference marks disposed on at least one of the first and second plate members and configured to indicate the angular disposition of the first and second plate members relative to one another.

92. (New) The bone plate of claim 86, wherein the first and second plate members include respective concave and convex surfaces that are at least substantially complementary, and wherein the concave and convex surfaces are configured to slide on each other in the adjustable configuration of the joint.